## HISTORIC AMERICAN ENGINEERING RECORO

## INOEX TO PHOTOGRAPHS

Marsh Rainbow Arch Bridge West Eighth Street Newton Jasper County Iowa HAER IA-4

Historic photographs taken 1927-1928

- IA-4-1 GENERAL VIEW OF ENGINE PILE OF AGGREGATE AND MEN WAITING WITH WHEELBARROWS FILLED WITH AGGREGATE. TAKE DEC. 7, 1927.
- IA-4-2 OETAIL VIEW OF MEN SHOVELING AGGREGATE. TAKEN OEC. 7, 1927.
- IA-4-3 GENERAL VIEW OF CONCRETE MIXING OPERATION. TAKEN OEC. 7, 1927.
- IA-4-4 OETAIL VIEW OF MEN SPREADING CONCRETE FOR BRIDGE APPROACH OECK. TAKEN OEC. 7, 1927.
- IA-4-5 GENERAL ELEVATION VIEW OF FORMWORK FOR ARCHES. TAKEN OEC. 14, 1927.
- IA-4-6 OETAIL VIEW OF FORMWORK FOR ARCH SHOWING MEN AT WORK. TAKEN OEC. 14, 1927.
- IA-4-7 OETAIL VIEW OF FORMWORK FOR ARCH SHOWING MEN AT WORK. TAKEN OEC. 14, 1927.
- IA-4-8 GENERAL ELEVATION OF BRIOGE AFTER CONCRETE FOR ARCHES HAS BEEN POUREO BUT BEFORE FALSEWORK HAS BEEN REMOVEO. TAKEN JAN 7, 1928.
- IA-4-9 GENERAL VIEW SHOWING BRIOGE OECK BEING SMOOTHEO SHORTLY AFTER POURING OF CONCRETE. TAKEN JUN, 7, 1928.
- IA-4-10 OETAIL VIEW OF ARCH WITH MOST INTERMEDIARY FALSEWORK REMOVED. TAKEN JAN. 7, 1928.
- IA-4-11 OETAIL VIEW OF FOUNDATION. TAKEN JAN. 7, 1928.

Photographs taken by Sarah Oennett, July 1980.

- IA-4-12 OETAIL, NORTH ABUTMENT, PIER; VIEW LOOKING NORTH.
- IA-4-13 OETAIL, FLOOR BEAMS, CANTILEVERS, NORTH PIER & ABUTMENT, LOOKING NNE.
- IA-4-14 OETAIL, SOUTH ENO OF ARCH & ABUTMENT, LOOKING SOUTHWEST.
- IA-4-15 EAST ELEVATION OF NORTH ENO, SHOWING RETAINING WALL.

- IA-A-16 VIEW LOOKING SE AT SOUTH PIERS, ABUTMENTS AND DECK SUPPORT.
- IA-A-17 OETAIL, POST AND BALUSTERS, EAST SIDE.
- IA-A-TB SIOEWALK AND BALUSTRADE, EAST SIDE, LOOKING NORTH.
- IA-A-19 ROAOWAY DETAIL, SOUTHWEST CORNER.
- IA-A-20 ELEVATION OETAIL, WEST SIDE OF EAST ARCH.
- IA-A-21 WEST ELEVATION.
- IA-A-22 BARREL SHOT, LOOKING SOUTH.
- IA-A-23 BARREL SHOT, LOOKING NORTH.
- IA-A-24 GENERAL VIEW, LOOKING SOUTHWEST.
- IA-A-25 CONTEXT VIEW, LOOKING SOUTHEAST.
- IA-A-26 APPROACH VIEW, LOOKING NORTH.
- IA-A-27 CONTEXT VIEW, LOOKING WSW.
- IA-A-2B CONTEXT VIEW, LOOKING ENE.
- 10 photocopies of historic drawings by CT Worse, Chief Engineer, 1927.
- IA-4-29 SITUATION PLAN SKETCH PLAN, GENERAL ELEVATION, PLAN VIEW AND PROFILE OF BRIOGE.
- IA-4-30 GENERAL OETAIL SECTIONS AND PLANS.
- IA-4-31 ARCH SPAN AND BRIDGE DETAILS.
- IA-4-32 GENERAL OETAILS AND SECTIONS OF HANGERS AND ARCH BEAMS.
- IA-4-33 ELEVATIONS AND SECTIONS OF GRIODER SPANS, ABUTS, CANTILEVER AND EXPANSION JOINTS.
- IA-4-34 OETAILS OF HANDRAILING.
- IA-4-35 SECTIONS OF RETAINING WALL.
- IA-4-36 SECTIONAL ELEVATION, SECTIONS, PLAN VIEWS, AND OETAILS OF ARCH STRINGERS, BEAM FORMS, AND ROADWAY.
- IA-4-37 UNIT LOAD ANALYSIS.
- IA-4-3B ARCH SPAN BRIOGE OFFAILS.
- IA-4-39 ARCH SPAN BRIOGE OETAILS.